



1. Power BI Desktop Data

<u>Course</u> > <u>Transformations</u>

> <u>Lab 1</u> >

Exercise 2: Import Data from a Folder Containing CSV Files

Exercise 2: Import Data from a Folder Containing CSV Files

Continue with your Power BI file from the previous exercise. You want to create a Query for the International sales and append the Query to the Query from US Sales.

- 1. Download the <u>zip file</u> containing VanArsdel's international sales data. Extract the file to "C:\DAT207x". You can use other folders, but if you are going to use the starter file provided at each lab instead of your own file, then it is recommended to use the absolute path given above in order to successfully perform the schedule refresh in Lab 4. You should see 4 CSV files in the "C:\DAT207x\International" folder.
- 2. Import the data from the file folder by using the **Get Data**. To do this, click the **Get Data / More** option, select **Folder** and click **Connect**. Select the folder where you saved the 4 CSV files containing VanArsdel's international sales data.
- 3. Edit the query before loading to the data model.
- 4. Perform the following steps:
 - Name the query **International Sales**.
 - Select to combine (combined binaries) the content of those 4 files, leave the default settings, and click **OK**.
 - Filter the rows that are after **December 31st, 1999**.
 - Remove the **Source.Name** column.
- 5. Edit the **Sales** Query from the US Sales.
- 6. Append the International Sales table to the Sales query from the US Sales.

- 7. In the **Sales** query, add a custom column named **Country Name** which takes the value of the **Country** column when it is not null and the value of "USA" when the **Country** column is null.
- 8. Remove the **Country** column.
- 9. Load the data into Power BI Desktop. This might take a few minutes.
- 10. Explore the imported data in the **Data** View.
- 11. Hide the **International Sales** table from report view.

Lab Questions 4.0/4.0 points (graded) Answer the following question by reviewing the imported data in Power BI Desktop. (Hint: Use the Data view). How many rows were imported from the International Sales query? 797244 How many rows are now in the Sales query?

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